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***	ES A NIC	MITTAL F) DM	Application No.	10/584419
. 💜				Filing Date	June 23, 2006
	(to be used for all of	correspondence aft	er initial filing)	First Named Inventor	Hyun Lee
				Art Unit	
				Examiner Name	
в	Total Number of P	ages in This Submissio	n 9	Attorney Docket Number	51876P1112
		ENCLO	SURES (che	ck all that apply)	
	Fee Transmittal F	Form	☐ Drawing(s)	After Allowance Communication to TO
	Fee Attach	ed	Licensing-r	elated Papers	Appeal Communication to Board of Appeals and Interferences
	Amendment / Res	sponse	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
	After Final Affidavits/d	leclaration(s)	Petition to 0 Provisional	Convert a Application	Proprietary Information ·
	Extension of Time	Request	Power of A Change of	ttorney, Revocation Correspondence Address	Status Letter
	Express Abandon	ment Request	Terminal C	Disclaimer	Other Enclosure(s) (please identify below):
,	Information Disclo		Request for	Refund .	5 prior art references; return postcard
	X PTO/SB/08		CD, Numb	er of CD(s)	
. `	Certified Copy of Document(s)		Lands	cape Table on CD	
	Response to Miss Incomplete Applic	sing Parts/ ation	Remarks		
		Filing Fee		_	
		ration/POA			
	Response Parts unde 1.52 or 1.53	to Missing r 37 CFR 3			
		SIGNATUR	OF APPLICA	NT, ATTORNEY, OR AG	GENT
	Firm or	Eric S. Hyman,		•	
	Individual name	BLAKELY, S	OKOLOFF,	TAYLOR & ZAFI	MAN LLP
	Signature			7/4	
	Date			7 (0	13/06
i		CERTIFI	CATE OF MAIL	ING/TRANSMISSION	
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	Typed or printed na	me Vi Hoang			
(Signature				Date 10/4/66

TOTAL AMOUNT OF PAYMENT

OCT U 6 2006

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYME	NT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify):

Deposit Account Deposit Account Number: <u>02-2666</u> Deposit Account Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u>

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Credit any overpayments

FEE CALCULATION

Large Er	ntity	Small	Entity		
Fee	Fee	Fee	Fee	Fee Description	Coo Doid
Code	(\$)	Code	(\$)	ree Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053		Non-English specification	
1251	120	2251		Extension for reply within first month	
1252	450	2252		Extension for reply within second month	
1253	1,020	2253		Extension for reply within third month	
1254	1,590	2254		Extension for reply within fourth month	
1255	2,160	2255		Extension for reply within fifth month	
1401	500	2401		Notice of Appeal	
1402	500	2402		Filing a brief in support of an appeal	
1403	1,000	2403		Request for oral hearing	
1451	1,510	2451		Petition to institute a public use proceeding	
1460	130	2460		Petitions to the Commissioner	
1807	50	1807		Processing fee under 37 CFR 1.17(q)	
1806	180	1806		Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810		For each additional invention to be examined (37 CFR § 1.129(b)))
Other f	fee (spe	cify) _			
i				SUBTOTAL (2) (\$	5)
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			SUBMITTED BY Complete (if applicable)							
Name (Print/Type) Eric S. Hyman	$\mathcal{L}_{\mathcal{A}}$	Registration No. (Attorney/Agent)	30,139	Telephone	(310) 207-3800					
Signature	918			Date	1013/06					

Receipt_date: 10/06/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Record Application of:
HYUN LEE, ET AL.

Application No.: 10/584419

Filed: June 23, 2006

For: apparatus and method for transforming a digital tv broadcasting signal to a digital

radio broadcasting signal

rt Group:

Docket No.: 51876P1112

Examiner

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Receipt date: 10/06/2006

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

		Respectfully submitted,
Date:	10/3/02	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
		Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Sheet I of

		Complete if Known	
	Application Number	10/584419	_
	Filing Date	June 23, 2006	
	First Named Inventor	Hyun Lee	
	Art Unit		
_	Examiner Name		
	Attorney Docket Number	51876P1112	

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			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Refevant Passages or Relevant Figures Appear
		US-6,249,514 B1	06-19-2001	Campanella	
		US-6,266,813 B1	07-24-2001	Ihara	
		US-2003/0081686 A1	05-01-2003	Jung et al.	
		US-			

Examiner	Cite	Foreign Patent Document			Panes Cohimns Lines	
	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pessages or Relevant Figures Appear	T*
		KR 2001-0064229	07-09-2001	Korea Electronics & amp		Abs
		KR 2003-0071075	09-03-2003	LG Electronics Inc.		Ah
		JP 2002-335173	11-22-2002	Sony Corp.		11
		JP 2002-344337	11-29-2002	Sony Corp.		A
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Signature	Considered

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Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

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Substitute for form 1449APTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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of 2

Complete if Known					
Application Number	10/584419				
Filing Date	June 23, 2006				
First Named Inventor	Hyun Lee				
Art Unit					
Examiner Name					
Attorney Docket Number	51876P1112				

NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the sem (book, magazine, jeurnal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Examiner Cite No.1 Initials* "A DAB Transmitter Prototype with High Flexibility and Low Cost" by CHUNSHENG LIU et al.; IEEE TRANSACTIONS ON BROADCASTING; September 2002; Vol. 48 No. 3

	Examiner Signature	/Michael Lee/	Date Considered 01/16/2010
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¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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